



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

Purchasing Re

| PO No | Supplier | Line Item No | Rel No | Terms | Purchased Item | Description | For Part No | Project | Equipment ID | Order Qty | Due Date | Received Quantity | Accounting Job No | Container No | Status | Receive Date | Price/Unit | Aging Days | Past Due | Total | Supplier Name | |
|----------|-----------|--------------|--------|--------------|----------------|----------------------|--|---------|--------------|-----------|----------|-------------------|-------------------|--------------|---------|--------------|--------------|---------------|--------------|----------|--------------------------|--------------------------|
| PO040081 | MCM001-VU | 1 | 1 | 2% 10 Net 30 | 9263K642 | O-Ring receive ea | | | | 50 | 6/7/2018 | 50 | | S078377 | Stock | 6/6/2018 | \$ 0.57 / Ea | 0 | | \$28.70 | McMaster-Carr Supply Co, | |
| | | 2 | | | | 188-FSCS-1032-5/8 | Screw | | | | 300 | | 300 | | S078378 | Stock | 6/6/2018 | \$ 0.08 / Ea | 0 | | \$22.83 | McMaster-Carr Supply Co, |
| | | 3 | | | | MT-BRASS-C360-R0.500 | Brass C360 Round Bar 0.500" | | | | 6 | | 6 | | S078379 | Stock | 6/6/2018 | \$ 9.16 / ft | 0 | | \$54.95 | McMaster-Carr Supply Co, |
| | | 4 | | | | 92198A111 | Bolt receive ea | | | | 25 | | 25 | | S078380 | Stock | 6/6/2018 | \$ 0.21 / Ea | 0 | | \$5.31 | McMaster-Carr Supply Co, |
| | | 5 | | | | 91525A120 | washer D3456-1: AS PER DWG D3456 REV.A | | | | 300 | | 300 | | S078381 | Stock | 6/6/2018 | \$ 0.23 / pcs | 0 | | \$69.60 | McMaster-Carr Supply Co, |
| | | 6 | | | | 6264K72 | Half Link receive pcs | | | | | 12 | | 12 | | S078382 | Stock | 6/6/2018 | \$ 7.80 / Ea | 0 | | \$93.60 |
| | | | | | | | | | | Total: | 693 | | | | | | | | | \$274.99 | | |

Plex 6/6/2018 9:05 AM dart.Tollis.Andrew



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040081**

Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

PO No: PO040081

PO Date: 6/1/18

Due Date: 6/5/18

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

E-MAILED
JUN 01 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pymt Terms: 2% 10 Net 30

Freight Terms:

Special Comments:

Items

| Line Item | Part | Supplier Part No | Description | Status | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (USD) | Extended Price |
|-----------|----------------------|-------------------------|---|--------|----------|----------------|-------------------|---------|------------------|----------------|
| 1 | 9263K642 | 10/pk | O-Ring receive ea | Firmed | 6/5/18 | 50 Ea | 0 Ea | 50 Ea | \$0.574/Ea | \$28.70 |
| 2 | 188-FSCS-1032-5/8 | 92210A303 100/per pk | Screw | Firmed | 6/5/18 | 300 Ea | 0 Ea | 300 Ea | \$0.0761/Ea | \$22.83 |
| 3 | MT-BRASS-C360-R0.500 | 2572T38 6 FT | Brass C360 Round Bar 0.500" | Firmed | 6/5/18 | 6 ft | 0 ft | 6 ft | \$9.158333/ft | \$54.95 |
| 4 | 92198A111 | 25/pk | Bolt receive ea | Firmed | 6/5/18 | 25 Ea | 0 Ea | 25 Ea | \$0.2124/Ea | \$5.31 |
| 5 | 91525A120 | | washer D3456-1 : AS PER DWG D3456 REV.A | Firmed | 6/5/18 | 300 pcs | 0 pcs | 300 pcs | \$0.232/pcs | \$69.60 |

Line Item Note WO 178426

| | | | | | | | | | | |
|---|---------|--|--------------------------|--------|--------|-------|------|-------|-----------|---------|
| 6 | 6264K72 | | Half Link receive pcs | Firmed | 6/5/18 | 12 Ea | 0 Ea | 12 Ea | \$7.80/Ea | \$93.60 |
|---|---------|--|--------------------------|--------|--------|-------|------|-------|-----------|---------|

Line Item Note w/o 178523

Grand Total: \$274.99

Order Notes

Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A016 PERSONNEL QUALIFICATION

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A032 DOCUMENT SPECIAL REQUIREMENTS

A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS

A040 NOTIFICATION OF QUALITY ESCAPE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 6/1/18 1:39 PM dart.lavoie.chantal



200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO040081

Order Placed By
Chantal Lavoie

McMaster-Carr Number
4395090-02

| Line | Product | Ordered | Shipped |
|------|---|---------------------|-----------|
| 1 | 9263K642 Chemical-Resistant Viton Fluoroelastomer O-Ring, 1.9 mm Wide, 7.8 mm ID, Packs of 10 | 5 Packs | 5 |
| 2 | 92210A303 18-8 Stainless Steel Hex Drive Flat Head Screw, 10-32 Thread Size, 5/8" Long, Packs of 100 | 3 Packs | 3 |
| 4 | 92198A111 18-8 Stainless Steel Hex Head Screw, 1/4"-28 Thread Size, 1-1/2" Long, Partially Threaded, Packs of 25 | 1 Pack | 1 |
| 5 | 91525A120 316 Stainless Steel Washer, Oversized, 1/4" Screw Size, 0.281" ID, 1" OD, Packs of 25 | 12 Packs | 12 |
| 6 | 6264K72 Adding-and-Connecting Link for ANSI Number 40-SS Single Strand Corrosion-Resistant Roller Chain | 12 Each | 12 |



McMASTER-CARR®

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada



Purchase Order
PO040081

Order Placed By
Chantal Lavoie

McMaster-Carr Number
4395090-01

Packing List

Page 1 of 1

06/01/2018

| Line | Product | Ordered | Shipped |
|------|--|-----------|---------|
| 3 | 2572T38 Ultra-Machinable 360 Brass Rod with Certification, 1/2" Diameter, 6 Feet Long | 1 Each | 1 |

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MT-Brass C360-RO.500

PO / BATCH NO.: 040081/5078379

DATE: JUN 07 2018

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 6'
 QUANTITY INSPECTED: 6'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.500
 THICKNESS RECEIVED: 0.500
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

| DESCRIPTION | NCR (Check Y/N) | COMMENTS |
|--|-----------------------|---------------------------------|
| SURFACE DAMAGE | Y (N) | |
| CORRECT FINISH | (Y) N | |
| CORROSION | Y (N) | |
| CORRECT GRAIN DIRECTION | (Y) N | |
| CORRECT MATERIAL PER M-DRAWING | (Y) N | <u>As per B16</u> |
| CORRECT THICKNESS | (Y) N | |
| PHOTO REQUIRED | Y (N) | |
| CORRECT REF # TO LINK CERT | (Y) N | <u>Pot 040081 Part# 2572138</u> |
| CORRECT MATERIAL IDENTIFICATION | (Y) N | |
| CORRECT M# ON THE MATERIAL | (Y) N | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y (N) | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y (N) | |

| CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW | | | | | |
|--|-----|-----|-------|-------|---------|
| | HRC | HRB | DUR A | DUR D | WEBSTER |
| TYPE OF MATERIAL | | | | | |
| SIZE OF TEST SAMPLE | | | | | |
| HARDNESS / DUROMETER READING | | | | | |

testers located in the Quality Office

| QC 18 INSPECTION | ENGINEERING SIGNOFF (if required) |
|--|-------------------------------------|
| INSPECTED BY: <u>DAS 11</u> DATE: <u>9-89 JUN 07 2018</u> | SIGNED OFF BY: _____ DATE: _____ |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

8 7 6 5 4 3 2 1

| REV. | DESCRIPTION | ECN # | DATE | BY | APPROVED |
|------|-------------|--------|----------|----|----------|
| A | NEW ISSUE | 17-732 | 17.11.22 | VM | WM |

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL:

SPECIFICATION:

PART NUMBER:

EXAMPLE:

C360 BRASS

ASTM B16

MT-BRASS-C360-R-[D.DDD]

WHERE D.DDD IS DIAMETER IN INCHES

MT-BRASS-C360-R-0.250

TOLERANCES PER MANUFACTURER SPECIFICATIONS



| TITLE | | BRASS C360 ROUND BAR | |
|---|----------------|------------------------------|---------|
| DWG NO. | REV | MT-BRASS-C360-R | |
| DESIGN BY: | VM.11/1/2017 | FRACTIONS 2/16 | |
| DRAWN BY: | VM.11/1/2017 | X 1 | |
| CHECKED: | SAC.11/06/2017 | X 1 | |
| MFG APPR: | OP.11/10/2017 | 1. DIMENSIONS ARE IN INCHES | |
| APPROVED: | VM.11/2/2017 | 2. INTERPRET DIM AND TOL PER | |
| DATE: | 11/2/2017 | 3. DIMENSIONAL LIMITS APPLY | |
| SCALE | NTS | WEIGHT: | N/A LBS |
| SHEET 1 OF 1 | | | |
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| REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION | | | |
| DART AEROSPACE LTD | | | |

CERTIFIED TEST REPORT

Trip No. 250855

Bill of Lading: 179002

Packing Slip: 2581800

Ship Date: 03/14/2018

Customer
No.

Bill To

Ship to

01293

COPPER & BRASS SALES
IDPP THYSSENKRUPP MATERIALS NA INC.
PO BOX 5116
SOUTHFIELD, MI 48086-5116COPPER & BRASS SALES IDPP
5230 ASHLAND WAY
FRANKLIN, WI 53132

02

IN-PROCESS OR FINISHED PRODUCT SAMPLES, AS INDICATED BELOW, HAVE BEEN ANALYZED AND TESTED AND FOUND TO CONFORM TO THE CHEMICAL REQUIREMENTS OF THE SPECIFICATION INDICATED WITH THE FOLLOWING RESULTS

| Copper | Lead | Iron | TOE | Zinc |
|--|----------|----------|----------|---------|
| ASTM B16/B16M-10 (2015) 60.0-63.0% | 2.5-3.0% | 0.35%max | 0.50%max | Balance |
| CHEMICAL ANALYSIS STATEMENT OF CONFORMITY | | | | |
| Chase Brass maintains chemical control according to the following statistical measures which are recalculated monthly: | | | | |
| Copper | Lead | Iron | TOE | Zinc |
| Cpk: 3.78 | 1.70 | | | |
| Mean: 61.37% | 2.67% | 0.14% | | |
| Max: 62.23% | 2.90% | 0.18% | 0.17% | Balance |
| Min: 60.58% | 2.50% | | | |

| Order Traceability No | Product | Specification No | Customer PO | Quantity | Item No Custom Item No. |
|--------------------------|---|------------------|-----------------|----------|----------------------------|
| 222125.1.1 | C36000 ALLOY T.R. QUALITY H02 HALF HARD | | 5400390438/0010 | 10087 | 0375RD12 CURD00231 |
| 222125.4.1 | C36000 ALLOY T.R. QUALITY H02 HALF HARD | | 5400390438/0050 | 14960 | 0500RD12 CURD00895 |

Certified Mercury Free Material

ISO9001 Certified Quality System

Certificate Number: US006875-1 (Bureau Veritas Certification)

Material is Directive 2000/53/EC Compliant

Material is Directive 2002/95/EC (RoHS) Compliant

Material is Directive 2011/65/EU (RoHS2) Compliant

This test report meets the guidelines of EN 10204 2.1

Melted and manufactured in the USA

Chase produced rod: NAFTA - Yes

We hereby certify that the foregoing data is a true copy of the data furnished us by the producing mill or the data resulting from tests performed in the CHASE BRASS AND COPPER COMPANY, LLC LABORATORY.

**Chase Brass and Copper Company, LLC**14212 Selwyn Drive
Montpelier, Ohio 43543-0152

By

Jack A. Homer
Quality Manager